

## C. DENTAL CLINICS

### 1.0 PURPOSE AND SCOPE

This section sets forth space planning criteria for the dental functions at military installations including independent dental facilities and those which are part of another medical facility.

The criteria have been developed on the basis that dentistry will continue to be dynamic and progressive and that the highest quality of care and the most modern facilities are essential to accomplish the cumulative dental work load with available dental manpower.

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### 2.0 DEFINITIONS

**Self Preparation Area** - An area containing mirror and sink for the proper cleansing of appliances and teeth by patients prior to treatment.

**Oral Hygiene Treatment Room (OHTR)** - An area similar to a DTR, utilized by an oral hygienist to treat dental patients.

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### 3.0 POLICIES

To the extent possible, dental facilities will be consolidated into the minimum number of facilities consistent with providing dental care effectively to the population served. In the case of dental facilities of five dental treatment rooms (DTRs) or less, when no other medical service facilities are available, they may be combined with other compatible nonmedical facilities.

Dental facilities will be combined with other medical facilities when feasible to provide dental care to the area beneficiaries as a part or all of the installation's dental requirement. Dental facilities may be combined with hospitals for the following reasons: (1) to provide dental care when required as an adjunct to hospital medical care; (2) to support the hospital's oral surgery program.

The dental facility staff required is determined by the process below.

Determine all population categories served. (Population should correspond to verified RAP system data.)

Calculate estimated procedures.

**Level of Care (Active Duty).** The level of care factor to be utilized under this calculation has been determined to be 24 procedures per active duty member per year. (Baseline raw procedures for active duty beneficiary FY 84.) Multiply level of care factor times active duty population to arrive at the estimated number of active duty procedures required per year.

**Level of Care (Retirees, Dependents, and Survivors).** Space will not be programmed to provide routine and specialty dental care to retirees, dependents, or survivors. At an approved training site, where space is required for these patients in support of training and in excess of space required for treatment of active duty personnel, the provisions of P.L. 97-337 will be apply.

**Active Duty Dependent Care Overseas and in CONUS where appropriate dental care is not available.** The level of care factors for dependents of active duty overseas and in CONUS where appropriate dental care is not available, shall be the same as those for active duty. The certification of the absence of appropriate dental care will be made by a DoD area survey.

Sum the total procedures and convert to monthly requirements. (i.e, divide by 12).

Use dentist requirement table to translate procedures to dentist requirements.

<u>Procedures per month</u>	<u>Dentists</u>
0 - 750	1
751 - 1,750	2
1,751 - 3,000	3
3,001 - 4,000	4
4,001 - 4,750	5
4,751 - 5,750	6
5,751 - 6,750	7
6,751 - 7,750	8
7,751 - 8,750	9
8,751 - 9,500	10
9,501 - 10,500	11
10,501 - 11,750	12
11,751 - 12,750	13
12,751 - 13,750	14
13,751+	1 dentist per 1,000 procedures for every additional 1,000 procedures over 13,751.

Each service will determine mix of dental provider team (specialists, general duty dental officers, hygienists, expanded duty dental therapists) needed to meet requirements. Add the number of interns and residents when planning a teaching facility.

**Apply the following DTR factors to determine total number of DTRs.**

1.5 DTRs	1.5 DTRs per general duty dentist
2.0 DTRs	2.0 DTRs per specialist
1.0 DTR	1.0 DTR per oral hygienist
1.0 DTR	1.0 DTR per dental officer in training
0.5 DTR	0.5 DTR per expanded duty therapist

- When the number of dentists required is calculated to be five (5) dentists or less, use a DTR factor of 2 DTRs per dentist.
- Clinics requiring 6 dentists will program a minimum of 10 DTRs.
- Based on the number of DTRs and total manpower requirements, complete the facility sizing.

The amount of space programmed to support requirements shall be further limited by the anticipated capabilities of the dental staff projected to be assigned or otherwise available to the facility.

Space programmed above projected requirements must be justified by independent study.

#### **4.0 PROGRAM DATA REQUIRED**

Projected staffing of all dental facilities on the installation and the proposed staffing for the dental facility under study.

Number and size of all dental facilities on the installation and the specialty capabilities of each.

#### **5.0 SPACE CRITERIA**

The following listing indicates the areas normally found in the dental facility, the basis for planning, and the planning range.

Any deviation from these criteria will be documented and presented to OASD(HA) for approval.

Installation Dental Administrative Complex: Space for the Installation Dental Administrative Complex may be programmed with a dental facility only if personnel are projected to occupy these positions on a full-time basis. When

the installation dental surgeon is also the chief of a dental facility, duplicate offices will not be programmed.

## **FUNCTION                      NSF AUTHORIZED      PLANNING RANGE/COMMENTS**

### **Dental Administration**

See Section 5.0, Administration (Annex A) for Common Administrative Spaces.

Office for Post Dental Surgeon,	180	less than 20 DTRs
	200	20 - 30 DTRs
Base Dental Surgeon or Senior Dental Office	220	over 30 DTRs
Conference Room/ Library	240	10-17 personnel
	280	18-29 personnel
	380	30 or more personnel
Central Issue & Supply	110	minimum, 600 NSF Max: 10 NSF per DTR projected for the installation +10 NSF for precious metals
Dental Repair	160	per Repairman. Includes Repairman and his equipment if programmed
Administrative Support	150	1 per installation to accommodate office machine and admin support. Individual study.
Dental Prosthetics	400	minimum, plus 50 NSF per Laboratory technician over 3. Number of Prosthetic Laboratory technicians.
Ceramic Room	120	If number of Prosthetic Lab (Dust free) technicians is greater than 2.

### **Administrative Areas**

Department/ specialty	100	Department/ 100 per office, 1 per Dental facility specialty specialty
Dental Records		Dental Records NSF = $\frac{\text{Proj Records} \times .65}{70 \text{ Records per LF}}$
		1 per dental facility
Reception area	120	Reception area 120
Waiting Area		Waiting Area
Waiting/ Clothing Alcove	110	Waiting/ 110 Facility w/less than 5 Clothing Alcove DTR & OHTR
Waiting	110	Waiting 110 5 DTRs & OHTRs or over:
Seating Area	16	Seating Area 16 (Add) per seat (1.7 spaces per DTR & OHTR over 4)

Clothing Alcove	0.75	Clothing 0.75 (Add) per DTR & OHTR
Housekeeping Supplies & Equipment	0	Less than 5 DTRs & OHTRs Use space in Cleaning supply
	50	5-11 DTRs & OHTRs
	100	12-20 DTRs & OHTRs
	100	Over 20 DTRs & OHTRs, Add 2 NSF per DTR & OHTR over 20.
Cleaning supply	60	per Floor. 1 per dental facility unless multi-story
Mailbox area		Include .32 NSF per mailbox in administrative area if dental clinic is not supported by a parent facility.
Library/Conference and classroom space		Library/Conference of the dental surgeon or senior dental officer meets the requirements of most non-teaching dental facilities. In separate facilities the following factors will be used to determine the conference/classroom space
(1) Speaker's audiovisual equipment	120	
(2) Space for seats	8	per conferee-trainee. Add to above NSF
Night Duty Rooms 1 per dental facility		1 per dental facility
(1) Duty Technician	100	Remaining in the facility overnight in addition to or in lieu of CQ.
Toilet/shower	70	30 NSF per wc and lav plus 10 NSF for shower.
(2) Dental Officer of the Day (DOD)	100	Remaining in the facility overnight in addition to CQ.
Toilet/showers	70	30 NSF per wc and lav plus 10 NSF for shower.
Lounge	100	minimum, maximum 200 NSF. Add 10 NSF per person authorized over 10.
Patient Toilets:	Patient Toilets:	Patient Toilets:
Male (wc, lav)	60	NSF per fixture. 2 (wc, lav) per 20 seats.
urinal	30	One per 40 men or fraction thereof.
Female (wc, lav)	60	30 NSF per fixture. 2 (wc, lav) per 15 seats.
Staff Toilets:		Staff Toilets:
Male (wc, lav).	60	minimum. 30 NSF. (lav, wc) per 20 men.
Female (wc, lav)	60	minimum. 30 NSF per fixture (lav, wc) per 15 women.
Staff Lockers		
Male	100	minimum. Add 6.5 NSF per FTE staff greater than 10.
Female	100	minimum. Add 6.5 NSF per FTE staff greater than 10.

### **Treatment Areas**

DTRs/OHTRs	120	per sizing guidance
		1.5-per General duty dentist;
		2.0-per specialist
		1.0-per dental officer in training
		0.5- per expanded duty therapist

**Notes:** (1) When the number of dentists required is calculated to be five (5) dentists or less, use a DTR factor of two (2) DTRs per dentist.

(2) Clinics requiring six (6) dentists will program a minimum of 10 DTRs.

(3) Teaching DTRs: Add 50 NSF to one (1) DTR per dental clinic as well as an expanded (+50 NSF) DTR in each residency specialty conducting an approved training program.

Consultation Office	100	minimum or 80 NSF per officer if multiple occupancy. 1 per two dentists not authorized other consultation space. Example: Head, Orthodontia Specialty receives one consultation office. Other Orthodontists receive one consultation office per every two doctors.
X-Ray Exposure	0	1-2 DTRs & OHTRs. Locate unit in DTR
	110	3-13 DTRs & OHTRs plus 36 NSF if panoramic unit is programmed. Provide 1 exposure room and not less than 1 per floor in a multistory facility Plus 36 NSF if tomography capability is planned. Special study required if tomograph is included.
	110	More than 13 DTRs & OHTRs plus 36 NSF if panoramic unit is programmed. Plus 36 NSF if tomo is required (special justification ) Provide 1 additional exposure room per 13 DTRs & OHTRs and not less than 1 per floor in a multistory facility
X-Ray Developing.	60	plus 15 NSF if automatic processor is programmed and 10 NSF for Panographic duplicator, if required by mission. 1 per exposure room or add 15-18 NSF per exposure room in excess of 2 served by developing room.
Limited Dental Prosthetics Laboratory	220	1 per dental facility including a second sink for decontamination.
Recovery Room	110	1 per dental facility.
RR Toilet	50	1 per recovery room
Casting/Grinding Room	120	plus 50 NSF for each additional workstation in Area Dental Laboratories. Workstations will be determined by special study.
Preventive Dentistry	150	Maximum 1 per dental facility to accommodate necessary audio-visual equipment and phase contrast microscope.
DTR Support Area	90	1 per 4 DTRs

### **Dental Support Spaces**

Linen	80	Linen 80 1 per dental facility
Supplies		Provided only in dental facilities separate from the installation dental administration complex.)
	80	4 DTRs & OHTRs
	110	5-19 DTRs & OHTRs
	150	20 + DTRs & OHTRs
Central Sterilization Room (Small)	140	Less than 10 DTRs
Central Sterilization Room (Medium)	240	Supports 11-20 DTRs
Central Sterilization Room (Large)	360	Supports over 20 DTRs
Study/Office	120	per Office. 1 per 2 residents and/or interns at a facility conducting an approved residency and/or internship program

Scrub & Gowning Area	60	Special justification
Cephalometrics	150	1 per orthodontic or surgical services
Model Storage	70	plus 40 NSF per authorized specialty service. 1 per clinic
Orthodontic Laboratory.	110	for first orthodontist. 36 NSF per additional orthodontist. 1 authorized if orthodontist(s) assigned.
Self Preparation Area	20	1 per authorized orthodontist
Dental Support Utility Room	80	only in open bay dental clinics
Soiled Utility/Trash Room	120	